



Attorney's Docket No.: 07039-253001

0360

1623
#7

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Franklin Cockerill et al.
Serial No. : 10/062,875
Filed : January 31, 2002
Title : DETECTION OF BORDETELLA

Art Unit : 1623
Examiner : Unknown

Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL

The following correspondence relating to this application is enclosed for filing:

1. Information Disclosure Statement (1 page);
2. Form PTO-1449 (2 pages);
3. Copies of Cited References (30); and
4. A Return Postcard.

Please date stamp and return the enclosed postcard.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: May 22, 2002

M. Angela Parsons
M. Angela Parsons, Ph.D.
Reg. No. 44,282

Fish & Richardson P.C., P.A.
60 South Sixth Street
Suite 3300
Minneapolis, MN 55402
Telephone: (612) 335-5070
Facsimile: (612) 288-9696

60086025.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit

Signature

Trisha J. Anderson

Typed or Printed Name of Person Signing Certificate

RECEIVED
JUN -3 2002
OIPF/JCWS

RECEIVED
MAY 29 2002
TECH CENTER 1600/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Franklin Cockerill et al.
Serial No. : 10/062,875
Filed : January 31, 2002
Title : DETECTION OF BORDETELLA

Art Unit : 1623
Examiner : Unknown

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449, copies of which are enclosed.

This statement is being filed before the receipt of a first Office Action on the merits.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: May 22, 2002

M. Angela Parsons
M. Angela Parsons, Ph.D.
Reg. No. 44,282

Fish & Richardson P.C., P.A.
60 South Sixth Street
Suite 3300
Minneapolis, MN 55402
Telephone: (612) 335-5070
Facsimile: (612) 288-9696

60086022.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit 5-22-02

Signature Trisha J. Anderson

Trisha J. Anderson
Typed or Printed Name of Person Signing Certificate

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR 1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 07039-253001	Application No. 10/062,875
	Applicant Franklin Cockerill et al.			
	Filing Date January 31, 2002		Group Art Unit 1623	

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,683,195	07/28/87	Mullis et al.			
	AB	4,683,202	07/28/87	Mullis			
	AC	4,800,159	01/24/89	Mullis et al.			
	AD	4,965,188	10/23/90	Mullis et al.			
	AE	4,996,143	02/26/91	Heller et al.			
	AF	5,035,999	07/30/91	Geiger et al.			
	AG	5,565,322	10/15/96	Heller			
	AH	5,683,896	11/04/97	Hartley et al.			
	AI	5,849,489	12/15/98	Heller			
	AJ	5,945,313	08/31/99	Hartley et al.			
	AK	6,162,603	12/19/00	Heller			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL	WO 97/46707	12/11/97	PCT				
	AM	WO 97/46712	12/11/97	PCT				
	AN	WO 97/46714	12/11/97	PCT				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AO	GenBank Accession No. M28220
	AP	GenBank Accession No. X66858
	AQ	Farrell et al., "Nested Duplex PCR To Detect <i>Bordetella pertussis</i> and <i>Bordetella parapertussis</i> and Its Application in Diagnosis of Pertussis in Nonmetropolitan Southeast Queensland, Australia," <i>J. Clin. Microbiol.</i> , 1999, 37(3):606-610
	AR	Grimprel et al., "Comparison of Polymerase Chain Reaction, Culture, and Western Immunoblot Serology for Diagnosis of <i>Bordetella pertussis</i> Infection," <i>J. Clin. Microbiol.</i> , 1993, 31(10):2745-2750
	AS	Heininger et al., "Clinical Validation of a Polymerase Chain Reaction Assay for the Diagnosis of Pertussis by Comparison With Serology, Culture, and Symptoms During a Large Pertussis Vaccine Efficacy Trial," <i>Pediatrics</i> , 2000, 105(3, Part 1 of 2):625, Abstract e31

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
07039-253001Application No.
10/062,875Information Disclosure Statement
by Applicant

(Use several sheets if necessary)

(37 CFR 1.98(b))

Applicant
Franklin Cockerill et al.Filing Date
January 31, 2002Group Art Unit
1623

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AT	Loeffelholz et al., "Comparison of PCR, Culture, and Direct Fluorescent-Antibody Testing for Detection of <i>Bordetella pertussis</i> ," <i>J. Clin. Microbiol.</i> , 1999, 37(9):2872-2876
	AU	Loeffelholz et al., "Detection of <i>Bordetella holmesii</i> Using <i>Bordetella pertussis</i> IS481 PCR Assay," <i>J. Clin. Microbiol.</i> , 2000, 38:467
	AV	<u>Mayo Communiqué</u> , 2001, 26(2):1-4
	AW	McPheat et al., "Analysis of Separate Isolates of <i>Bordetella pertussis</i> Repeated DNA Sequences," <i>J. Gen. Microbiol.</i> , 1989, 135:1515-1520
	AX	Nygren et al., "Polymorphism in the Pertussis Toxin Promoter Region Affecting the DNA-Based Diagnosis of <i>Bordetella</i> Infection," <i>J. Clin. Microbiol.</i> , 2000, 38:55-60
	AY	Rotor-Gene, Phenix Research Products, Copyright 2000, 3 pgs.
	AZ	Sloan et al., "Comparison of LightCycler™ Assays Using the Toxin Gene and the Insertion Sequence IS481 as Targets for Detection of <i>Bordetella pertussis</i> ," 40 th ICAAC Abstracts, September 17-20, 2000, Toronto, Ontario, Canada, Abstract #885
	AAA	Tilley et al. "Detection of <i>Bordetella pertussis</i> in a clinical laboratory by culture, polymerase chain reaction, and direct fluorescent antibody staining; accuracy, and cost," <i>Diagn. Microbiol. Inf. Dis.</i> , 2000, 37:17-23
	ABB	Wadowsky et al., "Inhibition of PCR-Based Assay for <i>Bordetella pertussis</i> by Using Calcium Alginate Fiber and Aluminum Shaft Components of a Nasopharyngeal Swab," <i>J. Clin. Microbiol.</i> , 1994, 32(4):1054-1057
	ACC	Van Der Zee et al., "Characterization of IS1001, an Insertion Sequence Element of <i>Bordetella parapertussis</i> ," <i>J. Bacteriol.</i> , 1993, 175:141-147
	ADD	Van Der Zee et al., "Polymerase Chain Reaction Assay for Pertussis: Simultaneous Detection and Discrimination of <i>Bordetella pertussis</i> and <i>Bordetella parapertussis</i> ," <i>J. Clin. Microbiol.</i> , 1993, 31(8):2134-2140

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.